

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	30	((MAHIBUR) near2 (RAHMAN)). INV.	US-PGPUB; USPAT	OR	ON	2007/01/25 08:18
L8	5	((HOMERO) near2 (GUIMARAES)). INV.	US-PGPUB; USPAT	OR	ON	2007/01/25 08:21
S1	2	("6560447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 10:34
S2	5	("5471665"   "5724653"   "6009126"   "6081558"   "6366622").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 10:24
S3	9	("4776039"   "5128966"   "5196806"   "5212826"   "5222253"   "5241702"   "5291474"   "5309501"   "5471665").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 10:29
S4	2	(375/240 and 375/146 and 375/147).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:36
S5	4	(375/240 and 375/146).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:39
S6	2	(375/240 and 375/147).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:39
S7	1191	(375/240).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:39

## EAST Search History

S8	1453	("dc offset" near3 (correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:42
S9	1	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:41
S10	2787	("dc offset" same (correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:42
S12	5146	(offset\$3 near3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:43
S13	844664	(training or preamble or pilot or train\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:02
S14	170	S12 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:44
S15	108926	((correct\$3 or adjust\$3) near3 (bandwidth or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:46
S16	20	S14 same S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:46

## EAST Search History

S17	27	("3983501"   "4243941"   "4354277"   "4513429"   "4630283"   "5029180"   "5049830"   "5065107"   "5101416"   "5142246"   "5166952"   "5175729"   "5241700"   "5390207"   "5402448"   "5541965"   "5598468"   "5619524"   "5694388"   "5754583"   "5761239"   "5790591"   "5875215"   "5900785"   "6055231"   "6101176"   "6115411").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 10:56
S18	437	(digital near3 track\$3 near3 loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:59
S19	15658	("dc" near offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:58
S20	2	S18 same S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 10:58
S21	15146	(track\$3 near3 loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:00
S22	99	S19 same S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:01
S23	136873	(bandwidth or frequenc\$3) near3 (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:02

## EAST Search History

S24	48	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:02
S25	18	S13 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:03
S26	6	("5487069"   "5610948"   "5748677"   "5799047"   "6173011"   "6269131").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 11:11
S27	4	("4941155"   "5544200"   "5596607"   "5604541").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 11:16
S28	435	((control\$3 or regulat\$3 or correct\$3 or adjust\$3) near3 (bandwidth or frequenc\$3 or band)) same (analog near filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 11:40
S29	61	((control\$3 or regulat\$3 or correct\$3 or adjust\$3) near3 (bandwidth or frequenc\$3 or band)) near3 (analog near filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:15
S30	1	(((control\$3 or regulat\$3 or correct\$3 or adjust\$3) near3 (bandwidth or frequenc\$3 or band)) near3 (analog near filter)) same (dc near offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:16
S31	3	(((control\$3 or regulat\$3 or correct\$3 or adjust\$3) near3 (bandwidth or frequenc\$3 or band)) near3 (analog near filter)) and (dc near offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:42
S32	7	((remov\$3 or delet\$3) near3 (dc near offset)) near5 (analog near filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:45

## EAST Search History

S33	22	((remov\$3 or correct\$3 or adjust\$3) near3 ((dc near offset) or (pole and zero))) near5 (analog near filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:49
S34	6	((adjust\$3 or correct\$3 or relocat\$3) near5 (pole and zero)) same (analog near filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:55
S35	14757	((control\$3 or adjust\$3) near3 (bandwidth or frequenc\$3 or band) near3 (filter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:57
S36	387221	(difference or compar\$3 or comparison) same (error or offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:58
S37	525	S35 same S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:58
S38	208793	((magnitude or amplitude) and (threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:59
S39	113	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:09
S40	14	((adjust\$3) near3 (bandwidth near frequenc\$3)) same (error or offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:47

## EAST Search History

S41	16	((dc near off\$1set\$3) near3 (training or preamble or pilot) near5 (add\$3 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:51
S42	17	((dc near off\$1set\$3) near3 (training or preamble or pilot or sequence)) near5 (add\$3 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:51
S43	18	((dc near2 off\$1set\$3) near3 (training or preamble or pilot or sequence)) near5 (add\$3 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:57
S44	18	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence)) near4 (add\$3 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 13:59
S45	18	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:00
S46	0	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4)) with (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:01
S47	0	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4) near5 (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:01
S48	2	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4) same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:21

## EAST Search History

S49	16	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4) and (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:07
S50	84	(compar\$3 or difference) near3 (magnitude or amplitude) near3 (subtract\$3) same (error or offset)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:09
S51	14	("20030007574"   "20030095589"   "20030174783"   "20030207674"   "20030207675"   "4122448"   "5263196"   "5530911"   "5697082"   "5949821"   "6044112"   "6122325"   "6330290"   "6340883").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:50
S52	4	("5705949"   "5930286"   "6009317"   "6122325").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:45
S53	16	("dc" near2 off\$1set\$3) near3 (training or preamble or pilot or sequence) near4 (add\$3 or combin\$4) and (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:33
S54	0	(track\$3 near (loop or filter)) same (magnitude near3 (compar\$3 and subtract\$3)) same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:35
S55	2	(track\$3 near (loop or filter)) same (magnitude near3 (compar\$3 or subtract\$3)) same (filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:39
S56	1035	(track\$3 near (loop or filter)) same ((control\$3 or regulat\$3 or adjust\$3) near3 (frequenc\$3 or band or bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:42

## EAST Search History

S57	137671	(look\$2up near (table or chart)) or ((adjust\$3 or plac\$3) near3 (pole or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:45
S58	194	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 12:32
S59	2	("20040247046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 13:12
S60	2	("7076225").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:45
S61	3	("6404829").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:45
S62	2	("20030199264").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:47
S63	2	("5241702").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:49
S64	2	("5471665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:50

## EAST Search History

S65	2	("5568520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:50
S66	2	("5584059").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:51
S67	2	("5712639").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:51
S68	2	("6009126").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:52
S69	2	("5619060").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 12:53
S70	180	(375/319).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 14:16
S71	14	("20030007574"   "20030095589"   "20030174783"   "20030207674"   "20030207675"   "4122448"   "5263196"   "5530911"   "5697082"   "5949821"   "6044112"   "6122325"   "6330290"   "6340883").PN.	US-PGPUB; USPAT; USOCR	ON	2007/01/22 13:59	
S72	985	(375/229).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 14:17

## EAST Search History

S73	4181	((dc\$2off\$1set) or ("dc" near2 off\$1set)) and ((control\$3 or adjust\$3 or plac\$3) near3 (bandwidth or pole or zero or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 14:19
S74	6064	(375/316 or 375/317 or 375/318 or 375/319 or 375/229 or 375/285 or 375/346).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 14:21
S75	144	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 14:21
S76	7	("20020160738"   "20030194984"   "20030197810"   "20030202619"   "20050009491"   "6314278"   "6819910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:58
S77	1191	(375/240).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 16:53
S78	2787	("dc offset" same (correct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 16:53
S79	1	S77 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 16:53
S80	11101	(bandwidth or frequenc\$3) near3 (filter) near3 (control\$3 or adjust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:07

## EAST Search History

S81	62	(bandwidth or frequenc\$3) near3 (analog near filter) near3 (control\$3 or adjust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:24
S82	16	("dc" near off\$1set\$3) near3 (training or preamble or pilot) near5 (add\$3 or combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:27
S83	1	S81 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:27
S84	1	S80 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:27
S85	46	("dc" near off\$1set\$3) with (training or preamble or pilot) with (add\$3 or combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:28
S86	1	S81 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:28
S87	1	S80 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:28
S88	138	("dc" near off\$1set\$3) same (training or preamble or pilot) same (add\$3 or combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:28

## EAST Search History

S89	1	S81 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:29
S90	3	S80 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 07:29
S91	2	("20040237016").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 10:30
S92	3	("20020199147").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 08:34
S93	5142	(error or result) near3 (compar\$3) near3 (threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:32
S94	62	(bandwidth or frequenc\$3) near3 (analog near filter) near3 (control\$3 or adjust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:31
S95	1	S94 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:31
S96	19243	(error or result) with (compar\$3) with (threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:34

## EAST Search History

S97	3	S94 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:47
S98	23839	(error or result) with (compar\$3 or comparison) with (threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:42
S99	2	S94 same S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:35
S100	3	S94 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:42
S101	3212	(error or result) with (compar\$3 or comparison) with (threshold) with (difference or different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:42
S102	2	S94 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:43
S103	181	(375/319).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 10:43
S104	1	S101 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 10:43

## EAST Search History

S10 5	0	jp-2663716-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:49
S10 6	2	("20020131486").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:51
S10 7	2	("20030003889").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:55
S10 8	2	("5715282").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:55
S10 9	2	("5287556").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:55
S11 0	21	("3462691"   "4132952"   "4135158"   "4408348" "4459650"   "4510624" "4527281"   "4549312" "4573211"   "4577171" "4595927"   "4654884" "4710973"   "4736457" "4792991"   "4802238" "4893349"   "4998289" "5001776"   "5012490").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 14:05
S11 1	21	("3462691"   "4132952"   "4135158"   "4408348" "4459650"   "4510624" "4527281"   "4549312" "4573211"   "4577171" "4595927"   "4654884" "4710973"   "4736457" "4792991"   "4802238" "4893349"   "4998289" "5001776"   "5012490").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/23 16:57

## EAST Search History

S11 2	74	(US-20030199264-\$ or US-20030099310-\$ or US-20030207675-\$ or US-20030207674-\$ or US-20030174783-\$ or US-20030007574-\$ or US-20050147192-\$ or US-20050008107-\$ or US-20040224657-\$ or US-20040114912-\$ or US-20050123036-\$ or US-20050243909-\$ or US-20030076902-\$ or US-20030202619-\$ or US-20030194984-\$ or US-20050094744-\$ or US-20030202618-\$ or US-20020094037-\$ or US-20040247046-\$ or US-20050111525-\$ or US-20020085649-\$ or US-20010021232-\$ or US-20060267695-\$ or US-20050144650-\$ or US-20020136112-\$ or US-20040189500-\$).did. or (US-20030003889-\$).did. or (US-7076225-\$ or US-6504884-\$ or US-7130359-\$ or US-5949821-\$ or US-6009317-\$ or US-5995817-\$ or US-5870699-\$ or US-5721756-\$ or US-5179727-\$ or US-4809203-\$ or US-5799047-\$ or US-4998289-\$ or US-5610948-\$ or US-6608826-\$ or US-6177893-\$ or US-6639909-\$ or US-6400778-\$ or US-5818544-\$ or US-6266361-\$ or US-6304615-\$ or US-3623098-\$ or US-7079595-\$ or US-6968019-\$ or US-6816712-\$ or US-6683905-\$ or US-6498929-\$).did. or (US-4736390-\$ or US-6925295-\$ or US-6311051-\$ or US-6175728-\$ or US-3860874-\$ or US-5737342-\$ or US-6888888-\$ or US-6466630-\$ or US-5794131-\$ or US-5287556-\$ or US-6560447-\$ or US-5724653-\$).did. or (EP-657991-\$).did. or (JP-2000114926-\$ or JP-11298292-\$ or JP-06030070-\$ or JP-09069753-\$).did. or (US-20050123036-\$ or US-5650954-\$ or EP-657991-\$ or EP-383325-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/24 12:00
1/25/2007 8:25:09 AM						Page 15

## EAST Search History

S11 3	2255087	(pn or training or preamble or test or pilot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:00
S11 4	38	S112 and S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:59
S11 5	70	(pn or training or preamble or test or pilot) with (add\$3 or combin\$3) with (dc near off\$1set\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:06
S11 6	7	S114 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:01
S11 7	4	("pn") with (add\$3 or combin\$3) with (dc near off\$1set\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:10
S11 8	34	("pn" or pseudo\$1noise) same (add\$3 or combin\$3) same (dc near off\$1set\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 17:11
S11 9	8002441	transmitter or system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 12:00

## EAST Search History

S12 0	74	(US-20030199264-\$ or US-20030099310-\$ or US-20030207675-\$ or US-20030207674-\$ or US-20030174783-\$ or US-20030007574-\$ or US-20050147192-\$ or US-20050008107-\$ or US-20040224657-\$ or US-20040114912-\$ or US-20050123036-\$ or US-20050243909-\$ or US-20030076902-\$ or US-20030202619-\$ or US-20030194984-\$ or US-20050094744-\$ or US-20030202618-\$ or US-20020094037-\$ or US-20040247046-\$ or US-20050111525-\$ or US-20020085649-\$ or US-20010021232-\$ or US-20060267695-\$ or US-20050144650-\$ or US-20020136112-\$ or US-20040189500-\$).did. or (US-20030003889-\$).did. or (US-7076225-\$ or US-6504884-\$ or US-7130359-\$ or US-5949821-\$ or US-6009317-\$ or US-5995817-\$ or US-5870699-\$ or US-5721756-\$ or US-5179727-\$ or US-4809203-\$ or US-5799047-\$ or US-4998289-\$ or US-5610948-\$ or US-6608826-\$ or US-6177893-\$ or US-6639909-\$ or US-6400778-\$ or US-5818544-\$ or US-6266361-\$ or US-6304615-\$ or US-3623098-\$ or US-7079595-\$ or US-6968019-\$ or US-6816712-\$ or US-6683905-\$ or US-6498929-\$).did. or (US-4736390-\$ or US-6925295-\$ or US-6311051-\$ or US-6175728-\$ or US-3860874-\$ or US-5737342-\$ or US-6888888-\$ or US-6466630-\$ or US-5794131-\$ or US-5287556-\$ or US-6560447-\$ or US-5724653-\$).did. or (EP-657991-\$).did. or (JP-2000114926-\$ or JP-11298292-\$ or JP-06030070-\$ or JP-09069753-\$).did. or (US-20050123036-\$ or US-5650954-\$ or EP-657991-\$ or EP-383325-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/24 12:00
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S12 1	68	S120 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:49
S12 2	12446	(difference or subtract\$3) with ("lpt" or (low near pass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:58
S12 3	4	S120 and S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:52
S12 4	8303	(375/146 or 375/147 or 375/295 or 375/316 or 375/229 or 375/285 or 375/318 or 375/319 or 375/346).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:00
S12 5	119	S122 and S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:23
S12 6	64158	("nco" or (numerically near control\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:26
S12 7	238	S124 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:31
S12 8	181	(375/319).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 16:31

## EAST Search History

S12 9	3	S126 and S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 16:31
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